



US006324667B1

(12) United States Patent
Sugaya

(10) Patent No.: US 6,324,667 B1
(45) Date of Patent: Nov. 27, 2001

(54) RADIO TRANSMISSION METHOD AND
RADIO TRANSMISSION DEVICE

(75) Inventor: Shigeru Sugaya, Kanagawa (JP)

(73) Assignee: Sony Corporation, Tokyo (JP)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 09/232,630

(22) Filed: Jan. 19, 1999

(30) Foreign Application Priority Data

Jan. 23, 1998 (JP) 10-011853

(51) Int. Cl.⁷ G06F 11/00

(52) U.S. Cl. 714/746; 714/751

(58) Field of Search 714/758, 746,
714/752, 751

(56) References Cited

U.S. PATENT DOCUMENTS

5,345,594	• 9/1994	Tsuda	455/18
5,430,738	• 7/1995	Tsuda	714/752
5,638,384	• 6/1997	Hayashi et al.	714/752
5,646,941	• 7/1997	Nishimura et al.	370/389

* cited by examiner

Primary Examiner—Phung M. Chung

(74) Attorney, Agent, or Firm—Jay H. Maioli

(57) ABSTRACT

A transmission process of control data is carried out simply and the reliability of transmission of the control data is improved. Data transmission among a plurality of communication stations is performed with a predetermined packet arrangement and transmission of the control data from a control station or a communication station is performed with the same predetermined packet arrangement.

5 Claims, 9 Drawing Sheets

